

Bridge Condition Inspection Fundamentals (BCIF)

A three-day course**Time:** 8:00 am to 5:00 pm**Class Size:** 40**Fee:** Free to Washington State Agencies and Consultants Inspecting Bridges in Washington, All Others \$150**Location:** Lacey

Instructor

Grant Griffin, WSDOT Highways & Local Programs Bridge Engineer

Course Description

This course is designed to provide basic knowledge of bridge condition inspection, construction materials, material properties, bridge components and nomenclatures, loadings, stresses and strains, and deterioration of bridge materials and members. This class is equivalent to the National Highway Institute course #130054A – Engineering Concepts for Bridge Inspectors.

Target Audience and Course Objectives

This training is intended to provide engineering or design technicians and other personnel, who have little or no background in bridges, a basic knowledge of bridges and bridge inspection skills. This course is preparatory for Bridge Condition Inspection Training (BCIT). Graduate engineers or engineering technicians with bridge experience need not attend.

Materials

Participants should bring the following manuals if available; manuals will be provided to those who do not have them:

- FHWA – Bridge Inspector's Reference Manual (October 2002)
- Evaluating Scour at Bridges (HEC 18) (2nd Edition, February 1993, English Units)
- Washington State Bridge Inspection Manual (January 2002)

Clothing – Attendees should bring a hard hat, vest, gloves, field clothes, and rain gear.

Note: The 1st and 3rd days are in the classroom. The 2nd day of class is in the field.

For further information contact Laurel Gray, Training Program Coordinator, at (360) 705-7355 or GrayL@wsdot.wa.gov

